| Indox | Ωf | Claims   |
|-------|----|----------|
| muex  | UI | Ciaiiiis |



| Application | No. |
|-------------|-----|
|-------------|-----|

09/903,442

Examiner

KAUVAR ET AL.

Applicant(s)

Art Unit

Gollamudi S Kishore, Ph.D

1615

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla          | im             | Date         |          |               |             |  |  |  |              |  |
|--------------|----------------|--------------|----------|---------------|-------------|--|--|--|--------------|--|
|              |                |              |          |               |             |  |  |  |              | $\neg$   |
| Final        | Original       |              |          | •             |             |  |  |  |              |  |
|              | 1 2 3          | ヿ            |          |               |             |  |  |  |              |  |
|              | 2              | ヿ            |          | ヿ             |             |  |  |  |              |  |
|              | 3              | ٦.           |          |               |             |  |  |  |              |  |
|              | 4              | $\neg$       |          |               |             |  |  |  |              |  |
|              | 5              | _            |          |               |             |  |  |  |              |  |
|              | 6              | 一            |          |               |             |  |  |  |              |  |
|              | 7              | $\neg$       |          |               |             |  |  |  |              |  |
|              | 8              | $\neg$       |          |               |             |  |  |  |              |  |
|              | 9              |              |          |               |             |  |  |  |              |  |
|              | 10             | _            |          |               |             |  |  |  |              |  |
|              | 11             |              |          | _             |             |  |  |  |              |  |
|              | 11<br>12<br>13 |              |          |               |             |  |  |  |              |  |
|              | 13             |              |          |               |             | Г  |  |  |              |  |
|              | 14             |              |          |               |             | _  |  |  |              |  |
|              | 14<br>15       |              |          |               |             |  |  |  |              |  |
|              | 16             |              |          |               |             |  |  | П  |              |  |
| <del></del>  | 16<br>17       |              |          |               |             |  | _  |  |              |  |
|              | 18             | $\neg$       |          |               | Н           | -  |  |  |              |  |
|              | 19             | $\neg$       |          |               |             |  |  |  |              |  |
| 1            | 20             |              |          | $\overline{}$ |             | _  |  | $\neg$   |              | Н  |
|              | 21             |              |          |               |             |  | $\vdash$   |  | $\vdash$     | -  |
|              | 22             |              |          |               | <del></del> |  | $\vdash$   | -  |              | -  |
|              | 22<br>23       | Н            |          | _             | -           |  |  |  |              | _  |
|              | 24             | -            |          |               | $\vdash$    | -  | $\vdash$   | _  |              |  |
|              | 24<br>25       | Н            |          |               | $\vdash$    | <del>                                     </del> | $\vdash$   |  |              |  |
|              | 26             | Н            | -        | H             |             | $\vdash$   |  | -  | $\vdash$     |  |
|              | 27             |              | _        | $\vdash$      | ┢╌          | ┢  | T  |  |              |  |
| ├─           | 28             |              |          | $\vdash$      | $\vdash$    |  |  |  | <del> </del> | -  |
|              | 29             |              |          |               |             |  | ┢  | ┢╾   | H            | $\vdash$   |
| <u> </u>     | 30             | _            |          |               |             | $\vdash$   |  | $\vdash$   | -            | $\vdash$   |
|              | 31             |              |          | ├             | _           | ├  |  | $\vdash$   | $\vdash$     | H  |
| ļ            | 32             |              | _        | -             |             | ┢  | ├  | H  | ┢╌           | ┢  |
| <u> </u>     | 32<br>33       |              | -        |               | $\vdash$    |  | -  | -  | ┢╌           | ┝  |
| <b></b>      | 34             | $\vdash$     | $\vdash$ | $\vdash$      | -           | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$     | 1-   |
| -            | 35             | $\vdash$     | -        |               | $\vdash$    | ┢  | $\vdash$   |  | -            | $\vdash$   |
|              | 36             | $\vdash$     |          | $\vdash$      | $\vdash$    | ├  | <del> </del>                                     | <del>                                     </del> | $\vdash$     |  |
| <del> </del> | 37             |              | -        | $\vdash$      | $\vdash$    | $\vdash$   |  | $\vdash$   | -            |  |
| <del> </del> | 38             | -            | $\vdash$ |               | $\vdash$    | $\vdash$   | <u> </u>   | $\vdash$   | $\vdash$     | $\vdash$   |
| <del></del>  | 39             | H            | -        | $\vdash$      | $\vdash$    | +-   | ├  | $\vdash$   | $\vdash$     | -  |
| -            | 40             | -            | $\vdash$ | $\vdash$      | $\vdash$    | $\vdash$   | $\vdash$   | <del> </del>                                     | ├            | H  |
|              | 41             | <del> </del> |          | $\vdash$      |             | $\vdash$   | $\vdash$   | -  | -            | $\vdash$   |
|              | 42             | $\vdash$     |          | <del> </del>  |             | $\vdash$   | +  | $\vdash$   |              | <del>  -                                    </del> |
| <u> </u>     | 43             |              | $\vdash$ |               |             | +  | $\vdash$   | -  | -            | $\vdash$   |
| _            | 43             |              | $\vdash$ | ├-            | -           | +-   |  | -  | -            | $\vdash$   |
| <u> </u>     | 45             | -            | $\vdash$ | <del> </del>  |             | $\vdash$   | 1  | -  | $\vdash$     |  |
| $\vdash$     | 45             | ├            |          | $\vdash$      | -           | ╁  | <del>                                     </del> | $\vdash$   | ├            | ├─   |
|              | 47             | $\vdash$     | ├        | ├             | H           | $\vdash$   | ├  | $\vdash$   | $\vdash$     | <del> </del>                                       |
| <u> </u>     |                | $\vdash$     | ├        | $\vdash$      | ├           | ┼  | $\vdash$   | $\vdash$   | -            | $\vdash$   |
| <u> </u>     | 48             | -            | $\vdash$ | <del> </del>  | ┢           | $\vdash$   | +-   | ├  |              | ├  |
| <u> </u>     | 49<br>50       | -            | $\vdash$ | -             | ├-          | $\vdash$   | ├  |  |              | ├  |
| 1            | 1.50           | 1            |          |               | 1           | 1  | ř.   | 1  |              |  |

| Claim    |          | -3           | _        |                |  | ate          | <u>,                                     </u>    |          |  |              |
|----------|----------|--------------|----------|----------------|--|--------------|--|----------|--|--------------|
|          |          | Ø            | Ó        |                |  |              |  |          |  |              |
| Final    | Original | 121          |          |                |  |              |  |          |  |              |
| "        | ō        | 12           |          |                |  |              |  |          |  |              |
|          | 51       | _            |          |                |  |              |  |          |  |              |
|          | 52       | H            | ┢        |                |  |              |  |          |  |              |
|          | 53       |              | $\vdash$ |                | H  |              | Н  |          | $\vdash$   |              |
| <b>-</b> | 54       | ٠,           | ⊢        | $\vdash$       |  |              |  |          | -  |              |
|          | 54       | $\vdash$     | ├        | _              | $\vdash$   | -            | $\vdash$   |          |  |              |
|          | 55       | ├            | $\vdash$ | _              | $\vdash$   | -            | Н  |          |  |              |
| -        | 56       | $\vdash$     | ļ        | <u> </u>       |  | $\vdash$     |  |          |  |              |
| -        | 57       | -            | ļ        | <u> </u>       | L  | $\vdash$     | $\vdash$   |          |  |              |
|          | 58       | <u> </u>     | <u> </u> | ļ              |  |              |  |          |  | 174          |
|          | 59       | <u> </u>     | _        |                |  | _            | $oxed{oxed}$                                     |          |  |              |
|          | 60       |              | <u> </u> |                |  | L            |  |          |  |              |
|          | 61       | Ļ            |          | <u> </u>       |  |              | L  |          | L.   |              |
|          | 62       | Ш            |          |                |  |              |  |          |  |              |
|          | 63       | $\prod$      | L        | L              |  |              |  |          |  | L            |
|          | 64       |              |          |                |  |              |  |          |  | L            |
|          | 65       |              |          |                |  |              |  |          |  |              |
|          | 66       | ΙŢ           |          |                |  |              |  |          |  |              |
|          | 67       | 1            |          |                |  |              |  |          |  |              |
|          | 68       | H            | <u> </u> |                |  |              |  |          | П  | l            |
|          | 69       | H            | <u> </u> | Т              | 1  |              |  | _        | Т  | <u> </u>     |
| $\vdash$ | 70       | H            | $\vdash$ | $\vdash$       | <del>                                     </del> |              |  |          | l  | H            |
|          | 71       |              | $\vdash$ | $\vdash$       | <del>                                     </del> | $\vdash$     | -  |          | <del>                                     </del> | $\vdash$     |
| <u> </u> | 72       | +            | $\vdash$ | $\vdash$       |  | <del> </del> | -  |          | $\vdash$   |              |
| -        | 73       | ₩            | $\vdash$ | $\vdash$       |  | $\vdash$     | $\vdash$   |          | $\vdash$   | $\vdash$     |
| -        | 74       | +            |          | $\vdash$       | $\vdash$   | -            |  | -        | ├—   | $\vdash$     |
| -        | 75       | H            | -        | $\vdash$       | -  |              | -  |          | <del>                                     </del> | -            |
| -        | 70       | ₩            | -        | $\vdash$       | ⊢  | $\vdash$     | $\vdash$   |          | $\vdash$   | -            |
| -        | 76<br>77 | ₩            |          | $\vdash$       | $\vdash$   |              | $\vdash$   | <u> </u> |  | $\vdash$     |
|          | 70       | H            | 1        | $\vdash$       |  | $\vdash$     | -  | _        | -  | _            |
| -        | 78       | $\vdash$     | $\vdash$ | -              |  |              | ₩  | <u> </u> | -  | $\vdash$     |
| <u> </u> | 79       | ╁┼           | $\vdash$ | 1              | -  | <u> </u>     | <u> </u>   | <u> </u> | <u> </u>   | -            |
|          | 80       | 14           | 1        | <b>↓</b> _     | <u> </u>   | -            | ļ  | <u> </u> | <u> </u>   | <del> </del> |
|          | 81       | V            | <u> </u> | <u> </u>       | <b> </b>   | <u> </u>     | L  | ļ        | ⊢  |              |
|          | 82       | <u> </u>     | <u></u>  | <u> </u>       | <u> </u>   | _            |  | ļ        | _  | _            |
|          | 83       | $\perp$      | <u> </u> |                | <u> </u>   |              | <u> </u>   | <u> </u> |  | <u> </u>     |
|          | 84       | <u> </u>     |          | <u>_</u>       | <u> </u>   |              | _  | <u> </u> | oxdot  | _            |
|          | 85       | $oxed{oxed}$ |          | L              |  |              |  | <u></u>  | L  |              |
|          | 86       |              |          | L              | L  | L            | $\Box$   |          | <u>L</u>   |              |
|          | 87       |              |          |                | L  | L            |  | Ĺ        |  | L            |
|          | 88       |              |          |                | L  |              |  |          |  | Ĺ            |
|          | 89       |              |          | Г              |  |              |  |          |  |              |
|          | 90       |              |          |                |  |              |  |          |  |              |
|          | 91       | Π            | T        | 1              | Ī  | Π            |  |          | Г  | Г            |
|          | 92       | 1            | 1        | T              |  | Τ            | Ī  |          | Γ  | Γ            |
|          | 93       |              | 1        | 1              | 1  | T            | İΤ   |          | Г  | Т            |
|          | 94       | T            |          | T              | <del>                                     </del> |              |  | T        | Ι-   |              |
|          | 95       | t            | $f^-$    | T              | †  | <u> </u>     | 1  |          | 1  | T            |
|          | 96       | t            | 1-       | <del>  -</del> | $\vdash$   | †            | 1  | $\vdash$ | t —  | $\vdash$     |
| <b>—</b> | 97       | t            | 1        | ╁              | <del>                                     </del> | $\vdash$     | <del>                                     </del> | T        | t  | T            |
| $\vdash$ | 98       | +-           | +        | $\vdash$       | $\vdash$   | $\vdash$     | +  | $\vdash$ | $\vdash$   | t            |
| -        | 99       | $\vdash$     | +        | +              | -  | +-           | <del> </del>                                     | $\vdash$ | ╁  | ╁            |
| <u> </u> | 100      | ╁╌           | ╁        | $\vdash$       | -  | $\vdash$     | $\vdash$   | -        | ┼─   | 1-           |
| L        | 100      | <u> </u>     | Ц.       | 1              | <u> </u>   | Ц.           | Ц.   | <u> </u> |  |              |

| CI   | aim        | Date     |  |          |  |            |  |          |                                     |          |
|--|------------|----------|--|----------|--|------------|--|----------|-------------------------------------|----------|
| Cla  |            |          |  |          |  |            |  |          | $\dashv$                            |          |
| Final  | Original   |          |  |          |  |            |  |          |                                     |          |
|  | 101        |          |  |          |  | į          |  |          |                                     |          |
|  | 102        |          |  |          |  |            |  |          |                                     |          |
|  | 103        |          |  |          |  |            |  | •        |                                     |          |
|  | 104        | •        |  |          |  |            |  |          |                                     |          |
|  | 105        |          |  |          |  |            |  |          |                                     |          |
|  | 106        |          |  |          |  |            |  |          |                                     |          |
|  | 107        |          |  |          |  |            |  | _        |                                     | Ш        |
|  | 108        |          |  |          |  |            |  |          | _                                   |          |
|  | 109        |          |  |          |  |            | L  |          |                                     |          |
|  | 110        |          |  |          |  | _          |  |          |                                     |          |
|  | 111        |          |  |          |  |            | $\vdash$   |          |                                     | $\dashv$ |
|  | 112        | _        |  |          | <u> </u>   | <u> </u>   | $\vdash$   |          |                                     |          |
|  | 113<br>114 |          |  |          |  | $\vdash$   |  |          |                                     | _        |
|  | 114        | _        |  |          |  | <u> </u>   |  | $\vdash$ |                                     | -        |
|  | 115<br>116 | _        |  |          |  |            |  |          |                                     | $\vdash$ |
|  | 117        |          |  | -        | -  |            | _  |          | -                                   | $\dashv$ |
|  | 117        |          | $\vdash$   |          | $\vdash$   | _          |  |          |                                     | -        |
|  | 118<br>119 |          | $\vdash$   | ┢        | <del> </del>                                     |            |  |          |                                     |          |
|  | 120        |          | $\vdash$   | ┝        | <del> </del>                                     |            | -  |          | -                                   |          |
|  | 120        |          | ┝  | -        | ┢  |            | $\vdash$   | $\vdash$ |                                     |          |
|  | 121<br>122 | -        | $\vdash$   | ├        | ├  | -          | ┼─   |          | -                                   |          |
|  | 123        | _        |  |          |  | Η.         | ├  |          | -                                   | $\vdash$ |
|  | 123<br>124 | -        |  |          |  | H          | -  |          |                                     | $\vdash$ |
|  | 125        |          |  |          |  | T          | ┢  |          |                                     |          |
|  | 126        |          |  |          |  |            | Г  |          |                                     |          |
|  | 126<br>127 |          |  |          | ļ  |            |  |          |                                     |          |
|  | 128        |          | T  |          |  |            | T-   |          |                                     |          |
|  | 129<br>130 |          |  |          |  |            |  |          |                                     |          |
|  | 130        | *        |  |          |  | L.         |  |          |                                     |          |
|  | 131        |          |  |          |  |            | <u> </u>   |          |                                     |          |
|  | 132        |          |  | _        |  | _          | <u> </u>   |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |
|  | 133        | L.       | <u> </u>   | <u> </u> | _  | <u> </u>   | L  |          | _                                   | Ш        |
|  | 134        |          | L  | _        | _  | <u> </u>   | L  |          |                                     |          |
|  | 135        |          |  | _        | ļ  | <u>.</u>   | <u> </u>   |          |                                     |          |
|  | 136        |          | ļ  | <u> </u> | ١.   | <u> </u>   | <u> </u>   |          |                                     | _        |
|  | 137<br>138 |          | <u> </u>   | <u> </u> | <b></b>  | <b> </b> - | ⊢  | ├-       | <u> </u>                            |          |
|  | 138        |          | -  |          | ┢  |            | ├  |          | -                                   |          |
|  | 139<br>140 | ⊢        | <del> </del>                                     | ┢        | -  | $\vdash$   | ┢  | -        |                                     |          |
|  | 141        | ╁        | <del> </del>                                     | ├        | -  | ┢          | $\vdash$   | $\vdash$ |                                     | -        |
| -  | 142        | ╁╌       | $\vdash$   | <u> </u> | <del>                                     </del> | H          | H  | -        |                                     | _        |
| <u> </u>   | 143        | $\vdash$ | <del> </del>                                     | t        | t  | 1          | †  –   | $\vdash$ | Т                                   |          |
| -  | 144        | $\vdash$ | 1  | T        |  | †-         | T  | $\vdash$ |                                     |          |
| <del>                                     </del> | 145        |          |  | 1        | H  | †          | <del>                                     </del> | -        | _                                   | П        |
|  | 146        | 1        | <del>                                     </del> | T        | <u> </u>   | $\vdash$   | † –  | $\vdash$ | Т                                   | 1        |
|  | 147        | Τ        | $\vdash$   | 1        |  | T          | T  |          |                                     | П        |
|  | 148        | T        | t  | T        | $\vdash$   | T          |  | Ι_       |                                     |          |
| <del>                                     </del> | 149        | T        | T .  | T-       | T  | Ť          | T  | Г        |                                     |          |
|  | 150        | Ι        |  |          |  |            | Γ  |          |                                     | П        |
|  |            | <u> </u> |  |          | _  | -          | -  | _        | <u> </u>                            |          |